

FIG - 1

FIG - 4

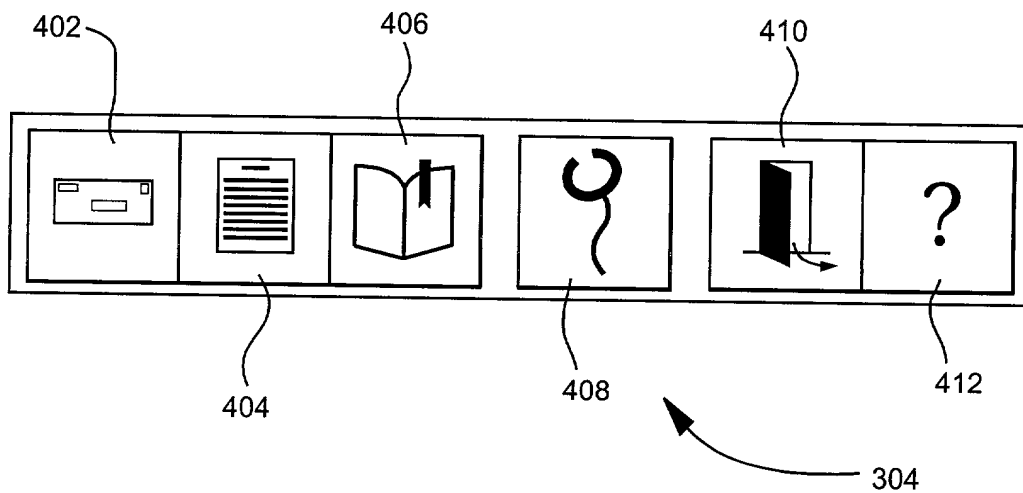
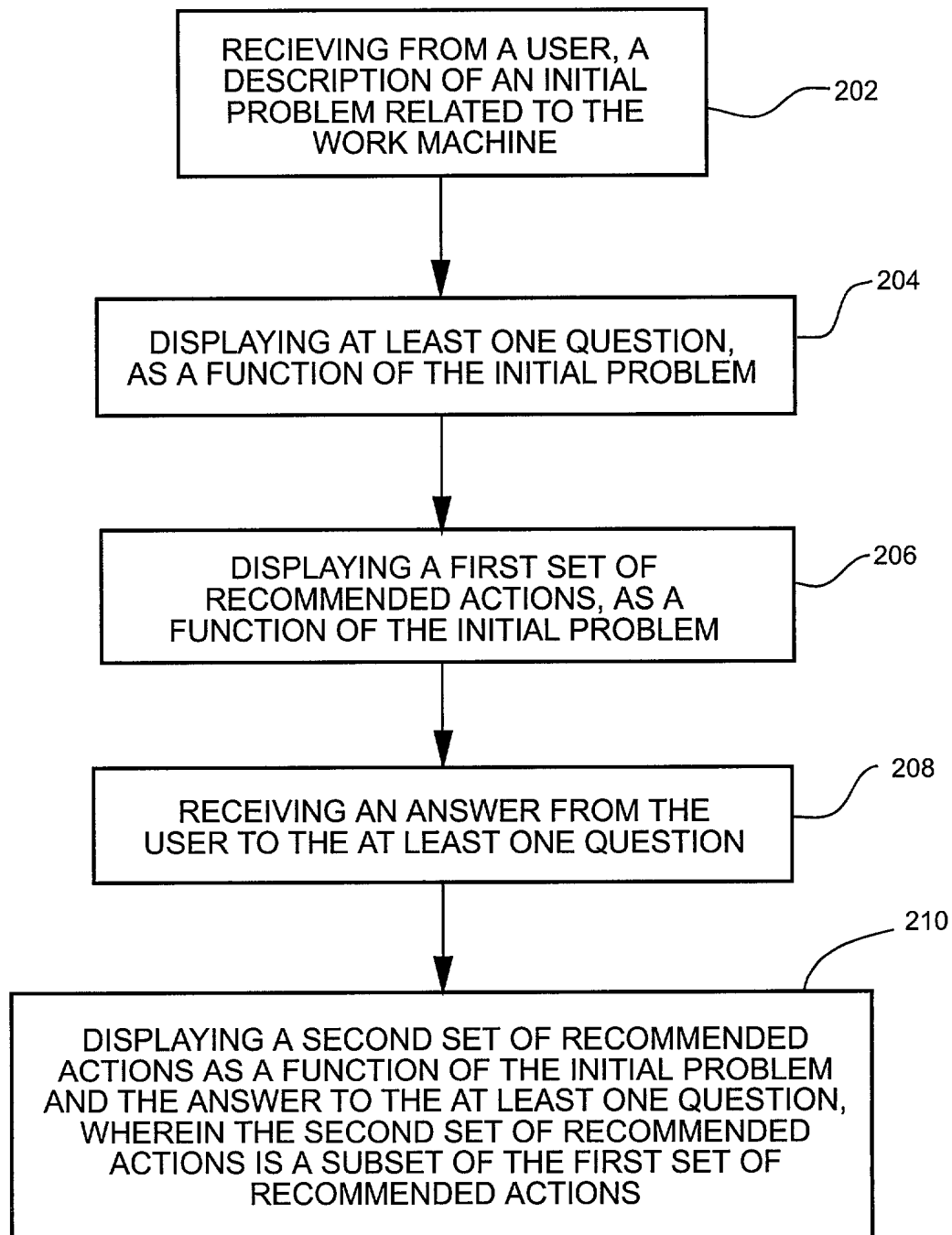


FIG - 2

200



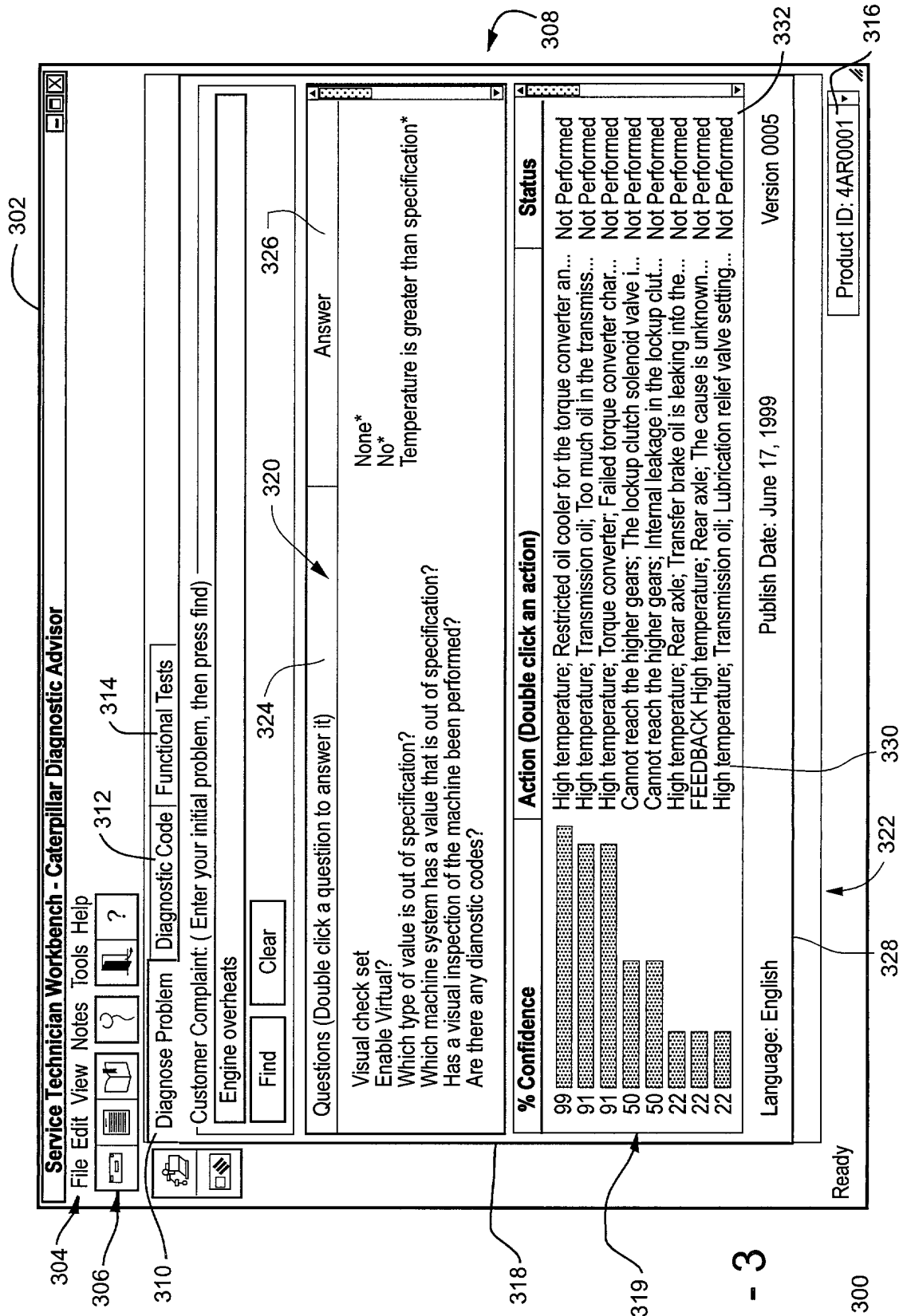
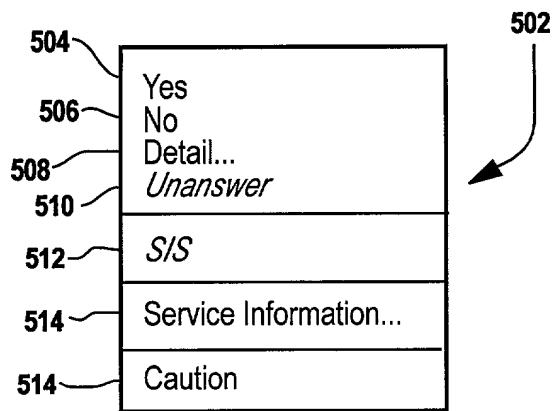
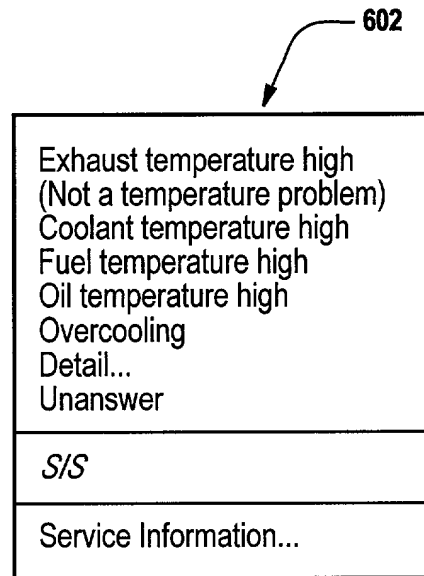


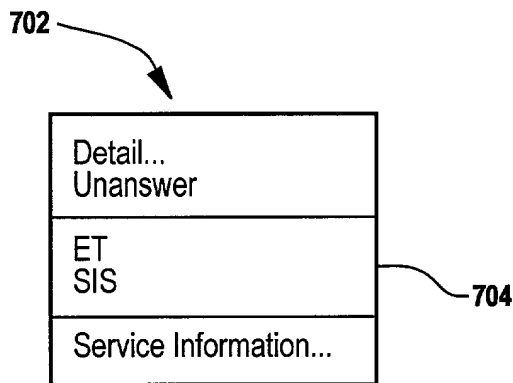
FIG - 3



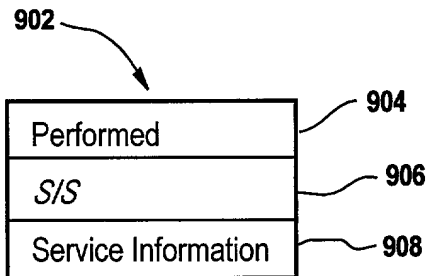
**FIG - 5**



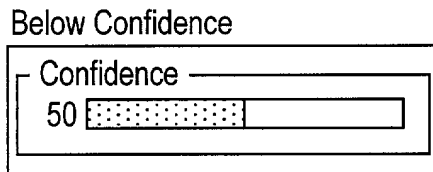
**FIG - 6**



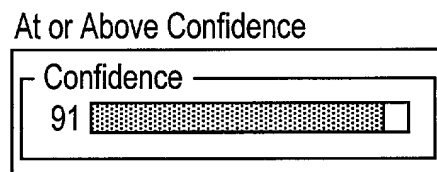
**FIG - 7**



**FIG - 9**



**FIG - 10A**



**FIG - 10B**

**Question Detail** [X]

**Question** 1104

Clean and inspect the fuel pressure regulator. Does this correct the original problem?

**Service Information** 1106

**TROUBLESHOOT ACTIVE DIAGNOSTIC CODES FIRST**

1. Click the READ CODES button to download active and logged codes directly from CAT Electronic Technician-OR-Enter a diagnostic code in the Description box with the CID-FMI format to take Diagnostics

- ☐ 3406E Truck Engine, Electronic Injection Timing Troubleshooting 1LW
- ☐ 3406E Truck Engine, Finding Top Center Compression Position For No. 1 Piston, 1LW
- ☐ 3406E Truck Engine, Setting Backlash For Camshaft And Adjustable Idle Gear, 1LW

**Answer** 1108

Yes  
No  
Delete Answer

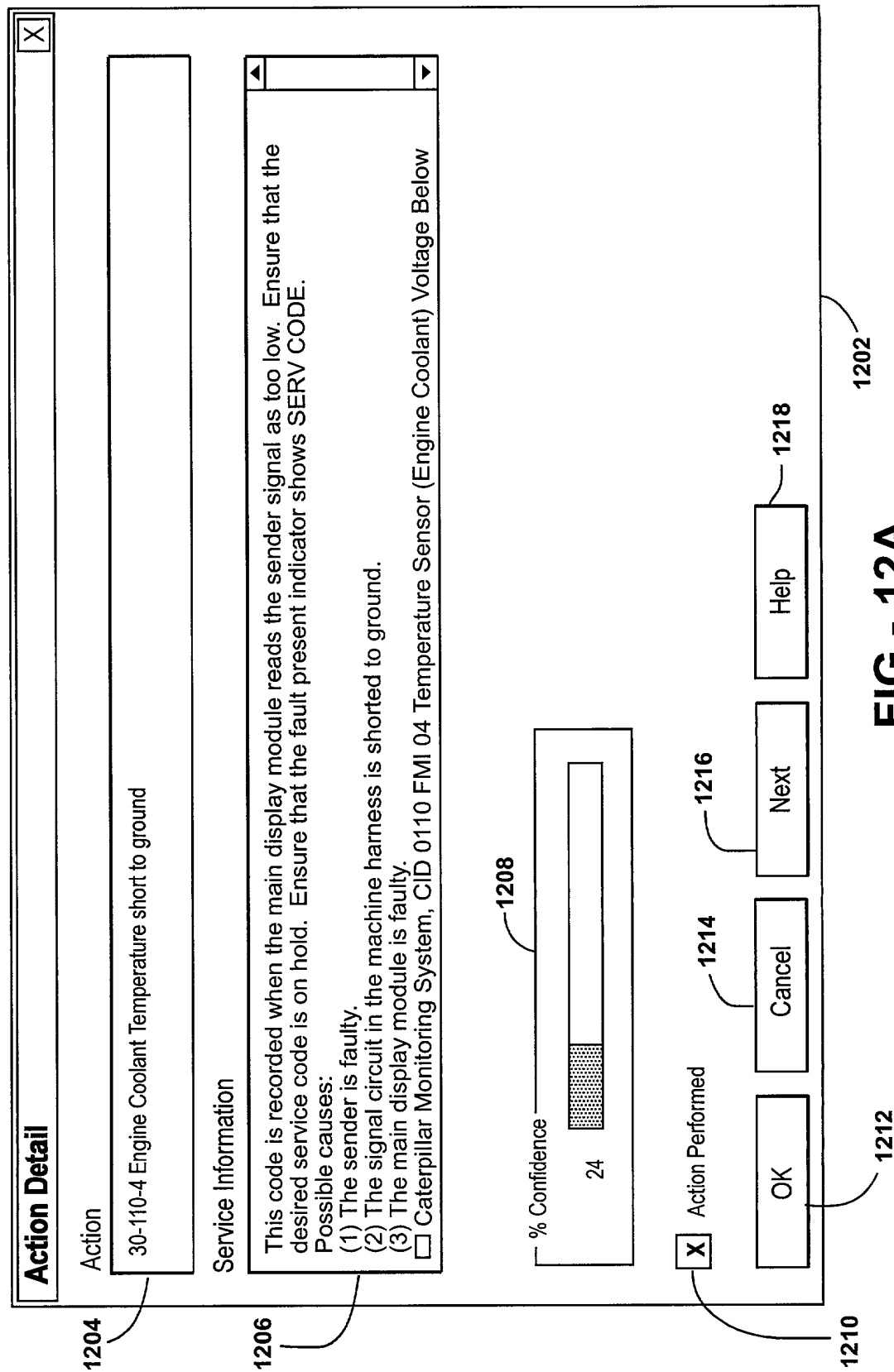
**Measurements** 1110

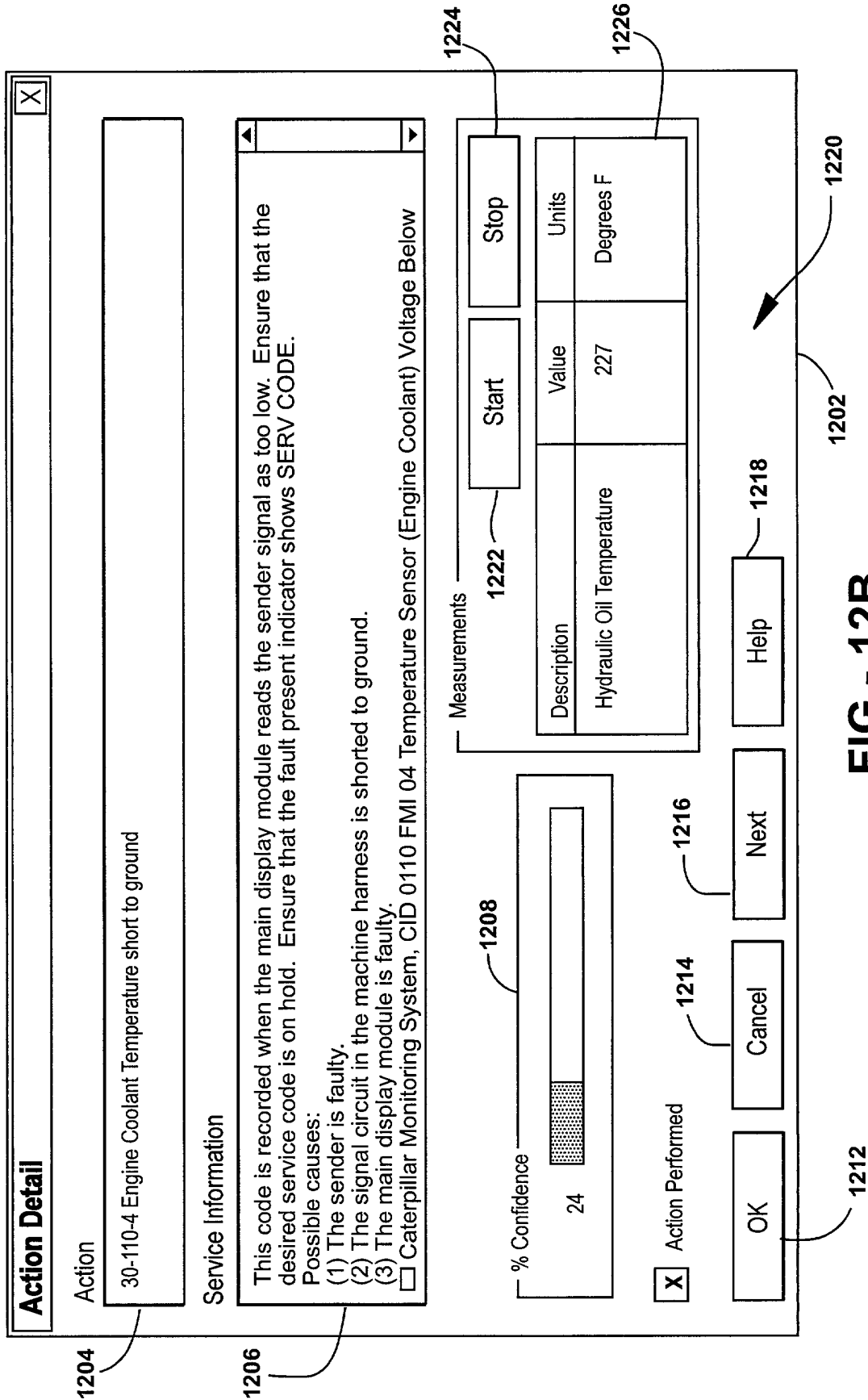
Start Stop

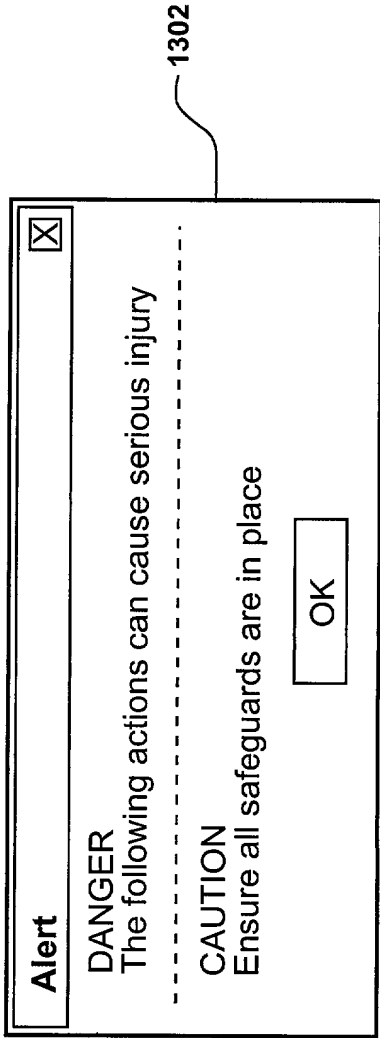
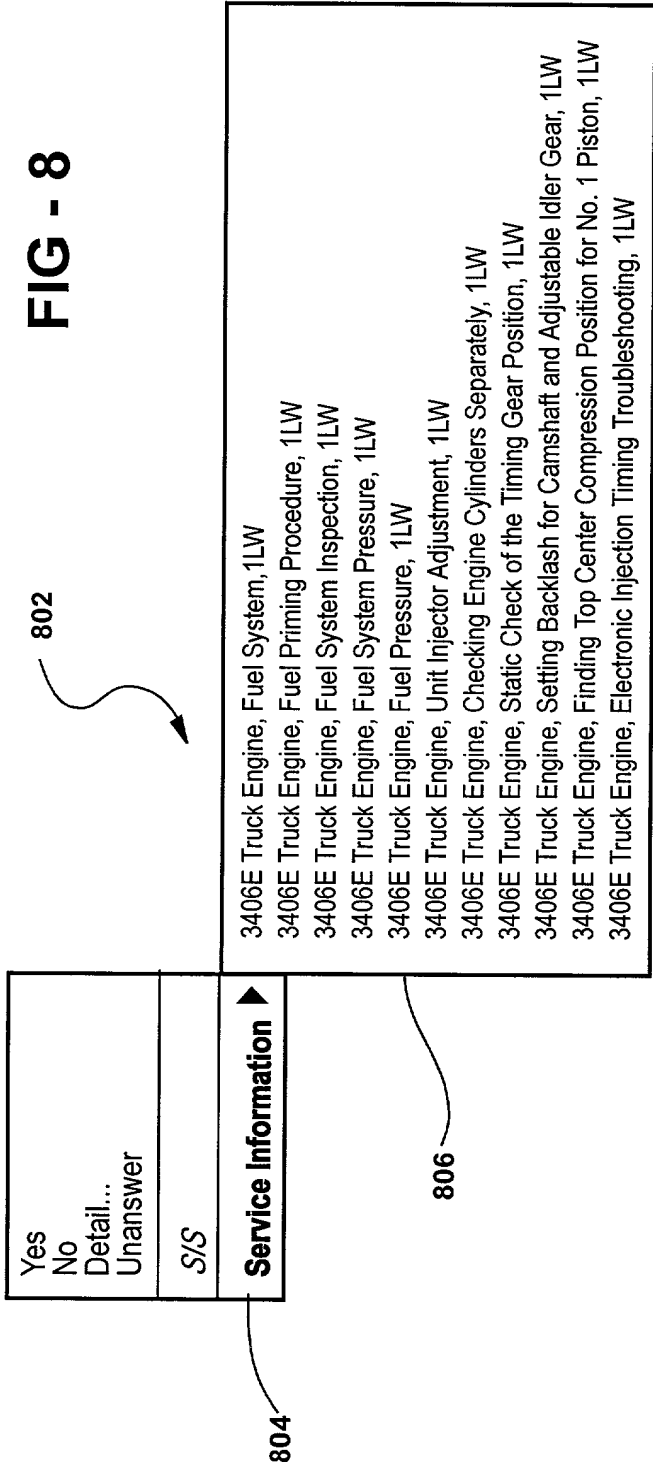
Description	Value	Units
Hydraulic Oil Temperature	227	Degrees F

**OK** **Cancel** **Next** **Help** 1112

**FIG - 11**









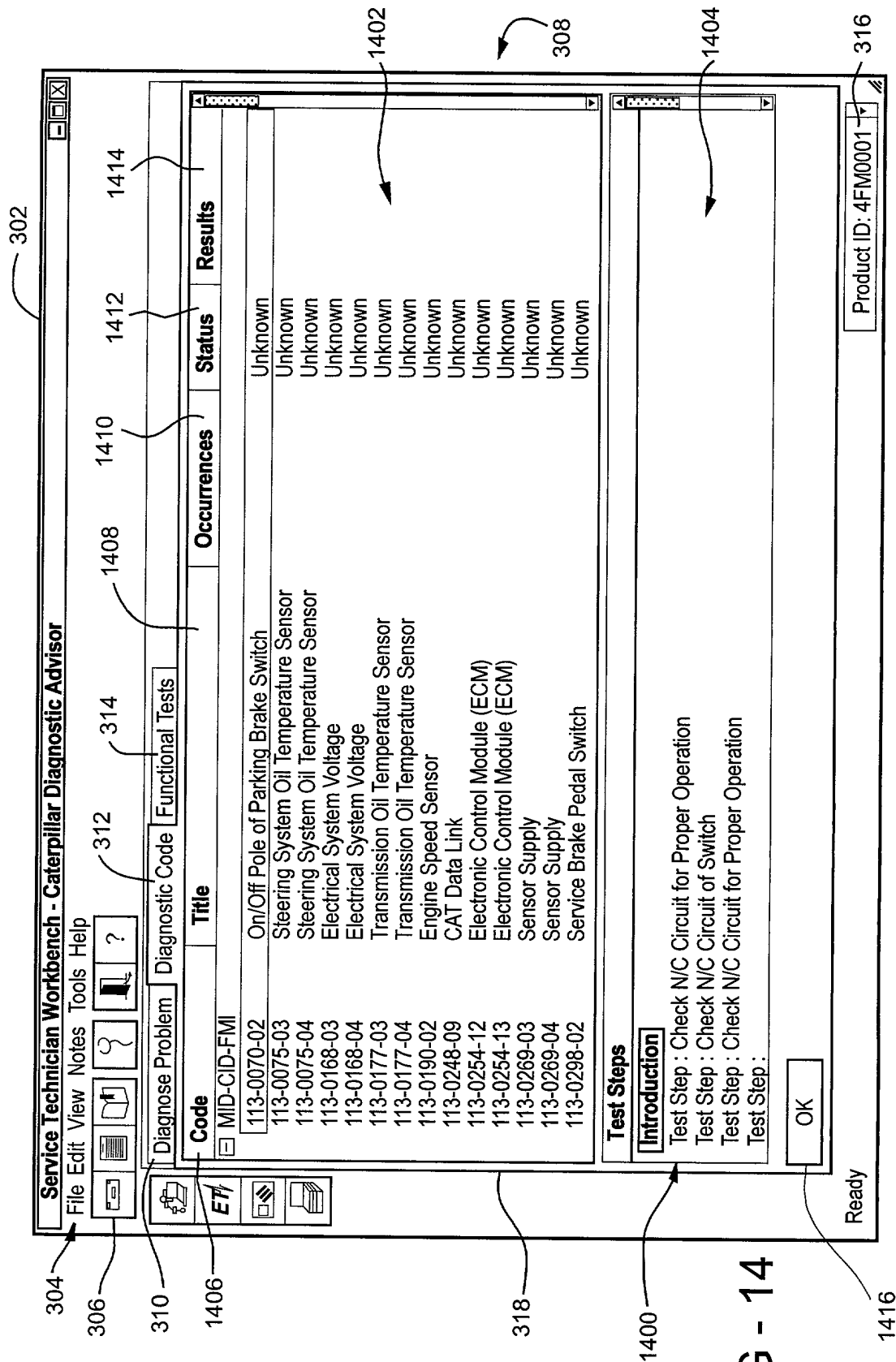


FIG - 14

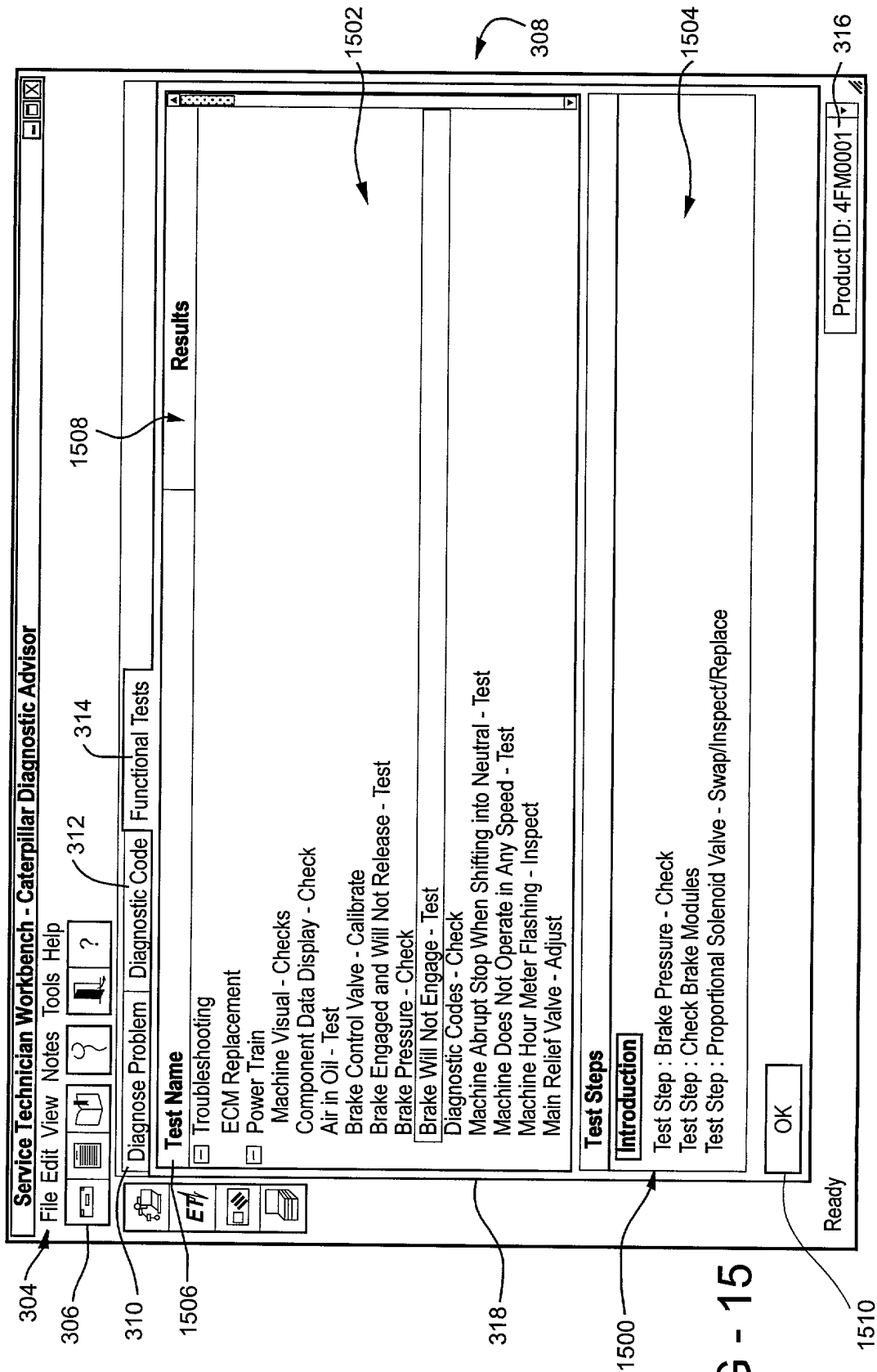


FIG - 15

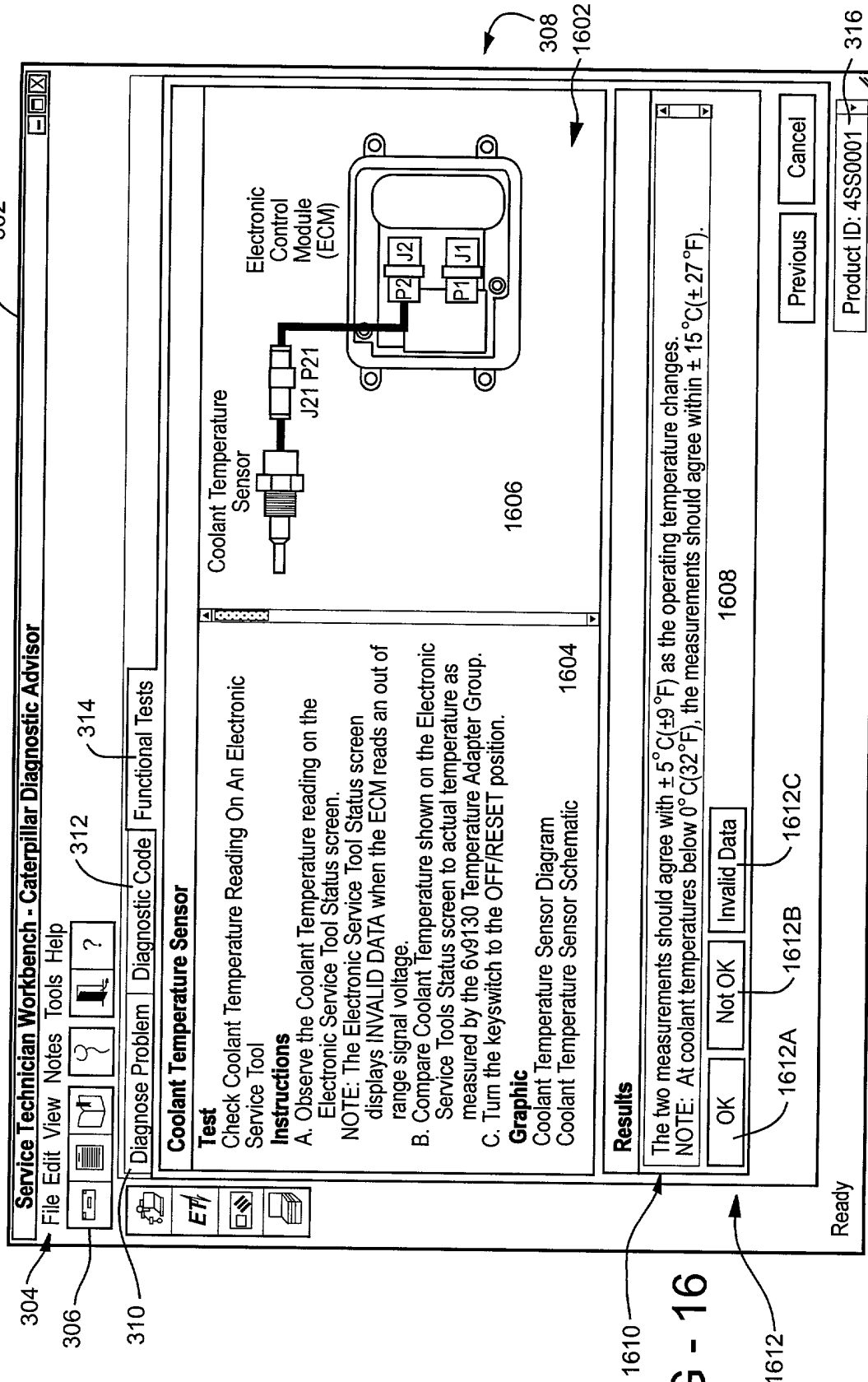











FIG - 16

Service Technician Workbench - Caterpillar Diagnostic Advisor

File Edit View Notes Tools Help





Diagnose Problem

Diagnostic Code

Functional Tests

Report

Caterpillar Inc.

1704

Diagnostic Detailed Report

Dealership:  
Customer:  
Employee:  
Work Order:  
Service Date:  
Serial Number:  
Model:  
Service Meter Units:

Dealer Code - Dealer Name  
bob  
test- Full Name (STW PILOT 3)  
09/13/1999  
2KR  
980G WHEEL LOADER  
0.000000

Description  
Engine won't crank

Questions	Answers
Description search tool active	Yes*

Print

Save

Refresh

Ready

Product ID: 2KR0001

FIG - 17

Create New Report

Customer

\* Name:

Code:

Customer Complaint

Engine won't crank

Employee Name :

Full Name

test

Service Date :

9/13/1999

\* - required

Service Meter Units:

ET Detected:

Manually Entered:

0.000

Work Order:

Arrangement Number:

test

Create Report

Cancel

Help

1804

**FIG - 18**

1802

Feedback Form

X

Please type in the following information to submit your improvement ideas:

Submitter

Name

Telephone

☐ Service Technician
☐ Service Planner
☐ Other- please specify

Did this diagnostic session solve your problem?

☐ Yes
☐ No
☐ Provided partial solution

Diagnostics allowed me to quickly and accurately identify and repair the root cause of the problem

☐ Strongly Agree
☐ Agree
☐ Neither
☐ Disagree
☐ Strongly Disagree

Next time I have a problem, I will use this system

☐ Yes
☐ No
☐ I don't know

Initial problem description

engine temperature

Additional tests performed and results

Additional feedback / suggestions

\* - Required

OK

Cancel

Clear

FIG - 19

Service Technician Workbench - Caterpillar Diagnostic Advisor

File Edit View Notes Tools Help

Diagnose Problem

Diagnostic Code

Functional Tests

Active/Logged Codes

New	Code	Code Description	Occurrences	Status
*	080-0002-11	Cylinder 2 Fault		Logged
*	080-0004-11	Cylinder 4 Fault		Active/Logged
*	080-0005-11	Cylinder 5 Fault		Active
*	080-0026-06	Multi-Function Output #1 Short Circuit		Logged
*	080-0030-08	Invalid PTO Throttle Signal		Active/Logged
	080-0001-11	Cylinder 1 Fault		Active
	080-0003-11	Cylinder 3 Fault		Logged
	080-0006-11	Cylinder 6 Fault		Active
	080-0022-13	Check Timing Sensor Calibration		Logged
	080-0026-05	Multi-Function Output #1 Open Circuit		Active
	080-0030-13	PTO Throttle Sensor Calibration		Active

Find

\* - New codes since last viewed

Ready

Product ID: 1LW0001

FIG - 20